



- MATERIAL:**
1. ALUMINUM EXTRUSIONS (POSTS, BASES, RAILS, SPLICE BARS, PINS AND CLAMP BARS) SHALL BE ASTM B221, ALLOY 6061-T6 OR ALLOY 6351-T5 (MIN. 10% ELONGATION).
 2. STAINLESS STEEL ANCHOR STUDS, HEX HEAD BOLTS AND HEX NUTS (TYPE 302) SHALL BE ASTM A276, TYPE 430 MOD OR TYPE 304 MOD, (100,000 PSI AND 15% ELONGATION).
 3. STEEL EMBEDDED JAM AND HEX NUTS SHALL BE ASTM A563 GRADE A OR BETTER.
 4. ALUMINUM WASHERS SHALL BE ASTM B209, ALLOY 2024-T3 ALCLAD.
 5. PREFORMED ELASTOMERIC BEARING PAD SHALL MEET REQUIREMENTS OF AASHTO M251.
 6. RETROREFLECTIVE DELINEATORS, FIELD DRILLING OF POSTS, STAINLESS STEEL (TYPE 304) BOLTS, NUTS & WASHERS SHALL BE SUBSIDIARY TO ITEM 563.73. SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (DL-1) FOR ADDITION DETAILS AND SPACING.

- SPLICE BAR DETAILS:
1. SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (BR-R3) FOR DETAILS AND NOTES.
- BALUSTER DETAILS:
1. SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (BR-R4) FOR DETAILS AND NOTES.

STATE OF NEW HAMPSHIRE												
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN												
TOWN				BRIDGE NO.				STATE PROJECT				
LOCATION												
BRIDGE RAIL DETAILS (3-BAR ALUMINUM)										BRIDGE SHEET OF		
REVISIONS AFTER PROPOSAL			BY		DATE		BY		DATE			
			DESIGNED		NHDOT		CHECKED		NHDOT		1/90	
			DRAWN		GMC		2/06		CHECKED		PJP 2/06	
			QUANTITIES				CHECKED				2/06	
			ISSUE DATE				FEDERAL PROJECT NO.			SHEET NO.		
			REV. DATE		2/21/06							
										TOTAL SHEETS		